

DERWENT- 1998-034647

ACC-NO:

DERWENT- 199804

WEEK:

COPYRIGHT 2004 DERWENT INFORMATION LTD

**TITLE:** Separator for pressing stacks of multilayered printed circuit conductors - has permanent reusable coating of chemically deposited nickel containing PTFE particles to avoid adhesion of overflowing bonding resin

**PRIORITY-DATA:** 1997DE-2019716 (November 6, 1997)

**PATENT-FAMILY:**

| <u>PUB-NO</u>  | <u>PUB-DATE</u>       | <u>LANGUAGE PAGES MAIN-IPC</u> |
|----------------|-----------------------|--------------------------------|
| DE 29719716 U1 | December 11, 1997 N/A | 028 H05K 003/46                |

**INT-CL (IPC):** H05K003/46

**ABSTRACTED-PUB-NO:** DE 29719716U

**BASIC-ABSTRACT:**

A separator, especially for press tools making multilayered resin bonded conductors for printed circuits, has a body with upper and lower parallel pressure surfaces and is bounded by several edges. At least one of the pressure surfaces of the body (9) is covered with a permanent, anti-adhesive coating with at least one layer (14) containing dispersed fluoropolymer particles.

**USE** - Used as a separator plate for hot pressing a stack of several multilayered, resin bonded conductor plates for printed circuits.

**ADVANTAGE** - The coating is stronger than solid PTFE and resists bonding pressure and temperature. The separators can be readily cleaned and used repeatedly.